



GREEN INITIATIVEby the Transmission Lines Team

Tripping of overhead transmission lines occur due to various reasons. Each time there is a line tripping, it has to be inspected physically by patrolling the entire route to ascertain the location of the fault, extent of damage to line and the cause of the fault. While patrolling linemen are dropped in pairs at the decided bits for inspecting the line. For dropping and picking up the line staff for inspections, a Patrol Van (16 seater Bus) is used.

Innovation:

The Transmission Lines Team has created Self Help Groups by sourcing, contact details of some of the local residents in various fault prone areas. This will help them in getting information early to locate line faults. These Self Help Groups report any abnormality, loud noise heard, sparking on lines etc, observed by them in their area. After receiving such information, the Line Maintenance Team directly visits the area and usually locates line faults. This leads to saving a lot of valuable fuel and time, as the Patrol Van does not have to go through the entire patrolling route of the line.

Benefit:

During inspection of the O/H Line after tripping, the Line Maintenance Team directly reaches the fault location. Inspection of complete route of the concerned line and unnecessary plying of Patrol Van through entire route is avoided. This ultimately results in minimum running of the Patrol Van contributing towards saving fuel.

Hence the Transmission Lines Team (Line Engineers and staff), are saving approximately 10 liters of Diesel for each line tripping on an average, with the help of self help groups.







Transmission Lines Camp



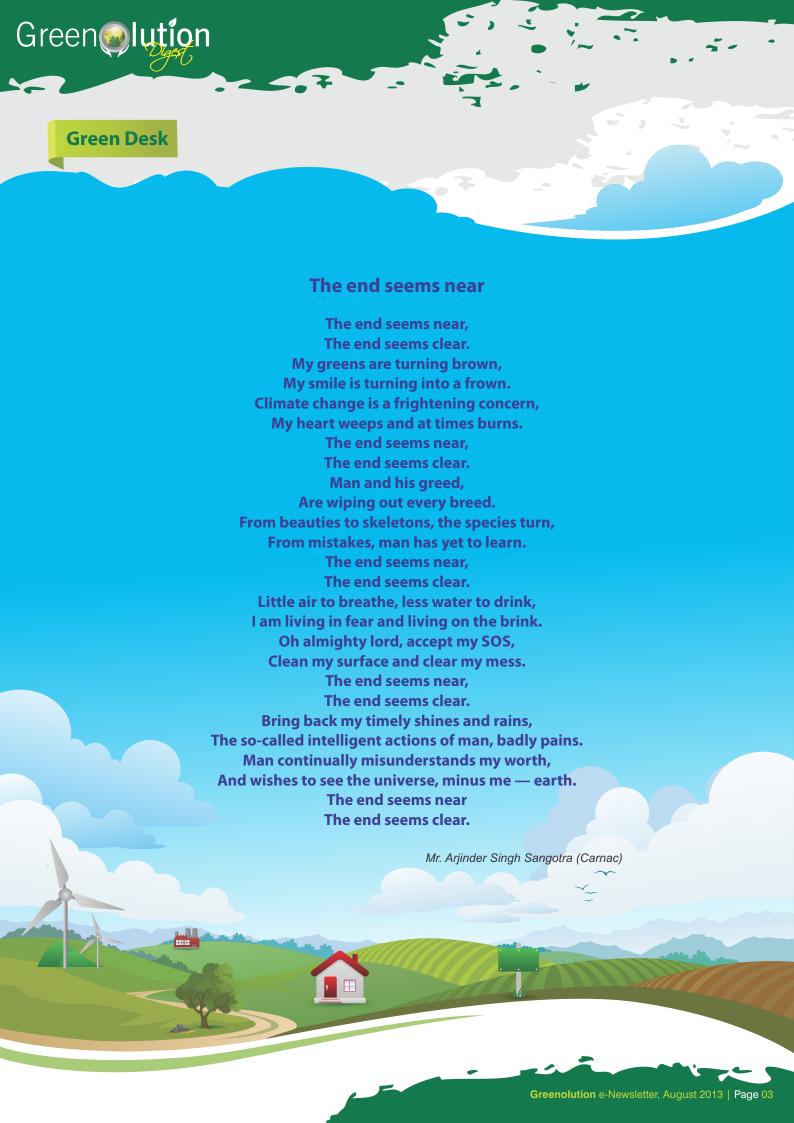
Transmission Lines Camp, Trombay



Transmission Lines Camp, Salsette



Transmission Lines Camp, Borivli





Green Quotient

- Are there any choices for electricity generation that don't rely on water?
- Yes
- b) No

- Do any cars run on coal? 2.
- Yes a)
- b) No



- Can solar power provide electricity when the sun isn't shining?
- a) Yes
- b) No



- 4. Lumens are a measure of:
- Electric power a)
- Brightness b)
- Color temperature
- d) Heat



- **CSP typically stands for:** 5.
- concentrating solar power
- b) cascading shortage of power
- carbon storage pond c)
- captive supplier of petroleum

May Issue

The winner for last issue of Green Quotient is

Mr. LSVKS Murthy

Congratulations to our Winner!



Green Canvas













Courtesy: Photographer, **Anshuman Biswal.**